

## **Statement of Work: DFS Test Panels**

### **1.0 Introduction:**

In support of NRL, Center for Corrosion Science and Engineering (CCSE), accomplish the following Statement of Work

### **2.0 Statement of Work:**

#### **Departure from Specification (DFS) Test Panels**

#### **Receiving Government Activity: Naval Research Laboratory (NRL)**

2.1 Accomplish the requirements of 5.0 through 6.3 for the panels in listed in 3.0

### **3.0 Identification:**

3.1 Part 1 - 36 ea. 12"x12"x1/8" steel panels

3.2 Part 2 - 56 ea. 6"x12"x1/4" steel panels

### **4.0 Materials: N/A**

#### **5.0 Scope: Part 1**

5.1 Prepare panels identified in 3.1 by sectioning off one side of each panel into 3 equal areas, approximately 4"x12" and prepare each section using attachment A for guidance and the following

5.1.1 Prepare 1/3 of each panel to SSPC SP-10

5.1.2 Prepare 1/3 of each panel to SSPC SP-11 using a needle gun to produce 1 mil profile

5.1.3 Prepare 1/3 of each panel to SSPC SP-11 using a power wire brush

5.1.4 Sweep Blast, SSPC SP-7 the back side of each panel

5.2 Apply International Interbond 998 to the back side and edge of each panel

5.3 Apply each coating system identified in Attachment A; Part 1 coating system matrix, IAW the manufacturers ASTM F-718, to the front side of the panels, prepared in 5.1 through 5.1.3

5.4 Apply a stripe coat of International Interbond 998 to all panels coated in 5.2 and 5.3

5.5 Allow panels to cure and mark each panel IAW Attachment A

#### **6.0 Scope: Part 2**

6.1 Prepare one side of each panel listed in 3.2 to SSPC SP-10. Surface profile shall be 10 mils, using Attachment A for guidance

6.1.1 Sweep blast the back side of each panel and apply one coat of International Interbond 998

6.2 Apply each coating system identified in Attachment A; Part 2 coating system matrix, IAW the manufacturers ASTM F-718, to the front side of the panels, prepared in 6.1. Each coating system shall be applied at 4 different WFT/DFT thicknesses

6.2.1 Systems 5 – 8 shall receive non-skid; American Safety 440 G

6.3 Apply a stripe coat of International Interbond 998 to all panels coated in 6.2

6.4 Allow panels to cure and mark each panel IAW Attachment A

**7.0 Notes:**

7.1 Contractor shall comply with all Federal, State and Local requirements

7.2 NRL Shall provide the steel panels. All other material shall be contractor furnished

7.3 All requirements of NAVSEA FY-13 Standard Item 009-32, including, but not limited to, paragraph 3.7 shall be accomplished

7.4 Upon completion of this work statement, package and ship all panels to NRL, Key West

**8.0 List of Attachments**

8.1 Attachment A; Departure from Specification (DFS) Laboratory Test Plan